

財經事務及庫務局

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By Email (dwylo@legco.gov.hk)

13 March 2018

Ms Doris LO
Chief Council Secretary (1)2
Council Business Division 1
Legislative Council Secretariat
Legislative Council Complex
1 Legislative Council Road, Central
Hong Kong

Dear Ms LO,

Public Works Subcommittee

Inland Revenue Tower in Kai Tak Development

Thank you for your email of 13 February 2018 forwarding the letter from Hon HO Kai-ming with enquiries on PWSC(2017-18)29. Our reply in consultation with the Architectural Services Department is set out at Annex.

Yours sincerely,

A handwritten signature in black ink, appearing to be 'Li'.

(Lawrence Li)

for Secretary for Financial Services and the Treasury

c.c. W Division (Attn: Ms Terri Kwong)

Annex

Inland Revenue Tower in Kai Tak Development

Government's Response to Enquiries from Hon HO Kai-ming

The impact of sunlight reflected from a building on its surroundings depends on various factors, including the orientation of the building, its distance from nearby buildings and the materials used in its external walls.

2. The external walls of the Trade and Industry (TI) Tower primarily consist of glass curtain walls that are widely used in private developments and government buildings at present. Due to site constraints, the TI Tower is mainly oriented towards the Latitude. Given the site's topographical and environmental factors, reflected glare may temporarily affect certain parts of some nearby buildings as the sun traverses.

3. The orientation of the new Inland Revenue (IR) Tower is different from that of the TI Tower, and the new IR Tower will be set back from its site's western boundary by 25 meters. Therefore, compared with the TI Tower, the external façade of the new IR Tower will be farther away from the Latitude and other residential buildings.

4. Besides, under the design requirements of the tender document for the new IR Tower, the contractor must consider various factors (including the orientation of the building, materials for the external walls, proportion of the glazed area on the curtain wall, etc.) in its glare impact assessment before building materials are selected. This serves to minimise the impact of the reflected glare from the building's exterior. The glass panels of the curtain wall are also required to be of low reflectance, high transmittance and high performance, and its external reflectance cannot exceed 20%. Furthermore, the contractor will adopt other building materials such as aluminum panels in the external walls and set up sun shading devices and vertical greening, with a view to reducing any glare effect that may occur.

**Financial Services and the Treasury Bureau
March 2018**